

Title (en)

WIRE-COOLING DEVICE FOR A WIRE-DRAWING MACHINE

Publication

**EP 0165171 B1 19901024 (FR)**

Application

**EP 85401101 A 19850604**

Priority

FR 8409426 A 19840615

Abstract (en)

[origin: ES8606801A1] A cooling apparatus for a wire drawing machine including a capstan applying a pulling action on a wire moving through a die and around which the drawn wire is wound, forming turns, includes a caisson in the shape of a circular sector and of tubular section, positioned in the vicinity of the capstan. The caisson is supplied with a cooling liquid and is arranged in such manner as, on the one hand, to direct the cooling liquid toward the wire turns wound on the capstan, and on the other hand, to collect and discharge the liquid after the cooling operation.

IPC 1-7

**B21C 1/14**; **B21C 9/00**

IPC 8 full level

**B21C 1/14** (2006.01); **B21C 9/00** (2006.01)

CPC (source: EP US)

**B21C 1/14** (2013.01 - EP US); **B21C 9/00** (2013.01 - EP US)

Cited by

DE102006017671B4

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0165171 A2 19851218**; **EP 0165171 A3 19880113**; **EP 0165171 B1 19901024**; AT E57632 T1 19901115; DE 3580195 D1 19901129; ES 543632 A0 19860601; ES 8606801 A1 19860601; FR 2565855 A1 19851220; FR 2565855 B1 19881202; JP S6114017 A 19860122; US 4620433 A 19861104

DOCDB simple family (application)

**EP 85401101 A 19850604**; AT 85401101 T 19850604; DE 3580195 T 19850604; ES 543632 A 19850529; FR 8409426 A 19840615; JP 12790985 A 19850612; US 74396185 A 19850612